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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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EXAMINER

PERSINO, RAYMOND B

ART UNIT PAPER NUMBER

2682

DATE MAILED: 10/05/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/813,481

Applicant(s)

STUDY ET AL.

Examiner

Raymond B. Persino

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 April 2005.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-5 and 7-18 is/are rejected.
- 7) ☒ Claim(s) 6 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 30 March 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 11 recites the limitation "the another device". There is insufficient antecedent basis for this limitation in the claim. The examiner is unable to examine this subject matter due to its unknown relation within the parent claim.
3. Claim 12 recites the limitation "the another device". There is insufficient antecedent basis for this limitation in the claim. The examiner is unable to examine this subject matter due to its unknown relation within the parent claim.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-3, 7-10, 13, 17 and 18 are rejected under 35 U.S.C. 102(b) as being anticipated by the SIMON OWNER'S MANUAL.

Regarding claim 1, the SIMON OWNER'S MANUAL discloses a method for use with a device having a plurality of actions (such as communicating with a central monitoring station, sounding a siren, etc see page 4), wherein at least some of the

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actions comprise a response to external stimuli (panel beeps, panel voices, or siren activates based upon received information from wireless sensors, see pages 5 and 6), the method comprising: identifying a specific external stimuli (panel identifies from which sensors information is being received, see sensor open condition page 14); providing a unique audible signal that corresponds to the specific external stimuli but that does not correspond to any one of the actions (in sensor open condition, the panel voices a different name for each sensor, see page 14), such that at least some of the external stimuli are distinguished from one another by differing audible signals.

Regarding claim 2, see the rejection of the parent claim concerning the subject matter this claim depends upon. The SIMON OWNER'S MANUAL further discloses that identifying a specific external stimuli includes determining that the specific external stimuli is not recognized (see fail-to-communicate on page 14).

Regarding claim 3, see the rejection of the parent claim concerning the subject matter this claim depends upon. The SIMON OWNER'S MANUAL further discloses that identifying a specific external stimuli includes determining that the specific external stimuli comprises a first category of stimuli (read as either alarm types, see page 6 or read as System trouble beeps, see page 14).

Regarding claim 7, see the rejection of the parent claim concerning the subject matter this claim depends upon. The SIMON OWNER'S MANUAL further discloses detecting assertion of a mute instruction, and in response thereto muting the unique audible signals that correspond to identification of the specific external stimuli (disabling panel voice messages or panel beeps or disarming alarm siren, see pages 5-7).

Regarding claim 8, see the rejection of the parent claim concerning the subject matter this claim depends upon. The SIMON OWNER'S MANUAL further discloses providing an audible signal to indicate a status with respect to at least one of the actions (panel voice messages or panel beeps or alarm siren, see pages 5-7).

Regarding claim 9, see the rejection of the parent claim concerning the subject matter this claim depends upon. The SIMON OWNER'S MANUAL further discloses detecting assertion of a mute instruction, and in response thereto muting the unique audible signals that correspond to identification of the specific external stimuli but not muting an audible signal as indicates a status with respect to at least one of the actions. (disabling panel voice messages and/or panel beeps but not disarming alarm siren, see pages 5-7).

Regarding claim 10, the SIMON OWNER'S MANUAL discloses a device comprising: receiver means for receiving wireless communications (see page 4); audio transducer means for providing a plurality of audible signals (see alarm sirens page 6); control means (panel, page 4) operably coupled to the receiver means for: receiving wireless communications; responding to at least some of the wireless communications with a corresponding control action (such as communicating with a central monitoring station, sounding a siren, etc see page 4); diagnostic means operably coupled to the receiver means and the audio transducer means for: ascertaining information regarding a source of a given wireless communication (panel identifies from which sensors information is being received, see sensor open condition page 14); and causing provision of at least one audible signal to uniquely characterize information regarding a

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source of a given wireless communication independent of any control action as may also be included with the given wireless communication (in sensor open condition, the panel voices a different name for each sensor, see page 14).

Regarding claim 13, see the rejection of the parent claim concerning the subject matter this claim depends upon. The SIMON OWNER'S MANUAL further discloses that the information regarding a source of a given wireless communication includes information that corresponds to a type of transmitter identifier that the wireless communication includes (either alarm types, see page 6 or System trouble beeps, see page 14).

Regarding claim 17, see the rejection of the parent claim concerning the subject matter this claim depends upon. The SIMON OWNER'S MANUAL further discloses mute means for selectively muting audible signals as correspond to at least some characterizing information regarding the source of a given wireless communication (disabling panel voice messages or panel beeps or disarming alarm siren, see pages 5-7).

Regarding claim 18, see the rejection of the parent claim concerning the subject matter this claim depends upon. The SIMON OWNER'S MANUAL further discloses that the mute means do not mute any audible signals as correspond to control actions that are sourced by the control means (disabling panel voice messages and/or panel beeps but not disarming alarm siren, see pages 5-7).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 4, 5 and 14-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over SIMON OWNER'S MANUAL in view of TSUI (US 6,243,000 B1).

Regarding claim 4, see the rejection of the parent claim concerning the subject matter this claim depends upon. However, the SIMON OWNER'S MANUAL does not disclose determining that the specific external stimuli comprises a transmission from a remote control transmitter that includes an identifier that includes a rolling code. TSUI discloses that determining that the specific external stimuli comprises a transmission from a remote control transmitter that includes an identifier that includes a rolling code (column 5 lines 42-58 and column 6 lines 14-25). Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made for determining that the specific external stimuli comprises a transmission from a remote control transmitter that includes an identifier that includes a rolling code. Use of a rolling codes enhances security by preventing a hostile user from detecting the code and using it to disarm the control unit.

Regarding claim 5, see the rejection of the parent claim concerning the subject matter this claim depends upon. However, the SIMON OWNER'S MANUAL does not disclose determining that the specific external stimuli comprises a transmission from a

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remote control transmitter that includes an identifier that includes a fixed code. TSUI discloses that determining that the specific external stimuli comprises a transmission from a remote control transmitter that includes an identifier that includes a fixed code (column 5 lines 42-58 and column 6 lines 14-25). Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made for determining that the specific external stimuli comprises a transmission from a remote control transmitter that includes an identifier that includes a fixed code. Use of a fixed code enhances reliability of the rolling code by indicating to the system that the rolling code of the sensor and panel are out of sync with each other.

Regarding claim 14, see the rejection of the parent claim concerning the subject matter this claim depends upon. However, the SIMON OWNER'S MANUAL does not disclose that the type of transmitter identifier includes at least fixed code identifiers. TSUI discloses that the type of transmitter identifier includes at least fixed code identifiers (column 5 lines 42-58 and column 6 lines 14-25). Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made for the type of transmitter identifier to include at least fixed code identifiers. Use of a fixed code enhances reliability of the rolling code by indicating to the system that the rolling code of the sensor and panel are out of sync with each other.

Regarding claim 15, see the rejection of the parent claim concerning the subject matter this claim depends upon. However, the SIMON OWNER'S MANUAL does not disclose that the type of transmitter identifier includes at least rolling code identifiers. TSUI discloses that the type of transmitter identifier includes at least rolling code

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identifiers (column 5 lines 42-58 and column 6 lines 14-25). Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made for the type of transmitter identifier to include at least rolling code identifiers. Use of a rolling codes enhances security by preventing a hostile user from detecting the code and using it to disarm the control unit.

Regarding claim 16, see the rejection of the parent claim concerning the subject matter this claim depends upon. However, the SIMON OWNER'S MANUAL does not disclose that the type of transmitter identifier includes at least fixed code identifiers and rolling code identifiers. TSUI discloses that the type of transmitter identifier includes at least fixed code identifiers and rolling code identifiers (column 5 lines 42-58 and column 6 lines 14-25). Therefore it would have been obvious to a person of ordinary skill in the art at the time the invention was made for the type of transmitter identifier to include at least fixed code identifiers and rolling code identifiers. Use of a rolling codes enhances security by preventing a hostile user from detecting the code and using it to disarm the control unit. Use of a rolling codes enhances security by preventing a hostile user from detecting the code and using it to disarm the control unit.

Allowable Subject Matter

8. Claim 6 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

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9. The following is a statement of reasons for the indication of allowable subject matter:

Regarding claim 6, the applicant includes the subject matter of: identifying a specific external stimuli includes: providing a first unique audible signal upon determining that the specific external stimuli is not recognized; providing a second unique audible signal upon determining that the specific external stimuli comprises a transmission from a remote control transmitter that includes an identifier that includes a rolling code; and providing a third unique audible signal upon determining that the specific external stimuli comprises a transmission from a remote control transmitter that includes an identifier that includes a fixed code; wherein the first, second, and third unique audible signals are different from one another. This subject matter, when considered the additional subject matter associated with the claim, comprise a unique combination of subject matter that is neither taught nor suggested by the prior art.

Conclusion


Any inquiry concerning this communication or earlier communications from the examiner should be directed to Raymond B. Persino whose telephone number is (571) 272-7856. The examiner can normally be reached on Monday-Thursday from 8:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nick Corsaro can be reached on (571) 272-7876. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

RP


NICK CORSARO
PRIMARY EXAMINER

Raymond B. Persino *RP*
Examiner
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